

DATA SCHEDULE										
Type Sol-		e Plate		Masonry PL			Hole Loc.	Hgt.	Loads (Kips)	
Туре	Α	В	C	Α	В	Ð	E	F	Vert.	Dead
SE50 - I	17	9	1	17	9	ł	6 ^l / ₂	2	7:0	16
SE50 - I	19	9	1	19	9	1	71/2	2	85	2:3
SE50 - Ⅲ	21	9	-	21	9	ł	81/2	2	100	34

Note: All dimensions are in inches.

- 50 steel painted to match finished bridge color.
- 2. Fill slots and holes around anchor bolts with nonhardening caulking compound
- or elastic joint sedler.
 3.1000 RMS (Finish all over) except where otherwise noted.
- 4. Design Bearing Load 0.7 KSI.
- 5. Top of sole plate must be beveled to fit grade of bottom flange. If sole plate must be beveled, dimension 'C' shall be measured at & of bearing.

 6. Unless otherwise noted, bearings shall
- be placed normal to ¢ of stringer. 7. Plates are to be shipped as units.
- 8. If more than one size bearing is called for, Contractor may furnish all bearings of the larger size provided the bearing pads are altered to accommodate same. No FHWA APPROVAL

DATE:

- I.Sole and masonry plates to be ASTM A 709 Grade increase in any prices bid will be allowed if this option is selected.
 - 9. This bearing for use on simple span steel stringer bridges less than 50'-0" long and/or comparable continuous span lengths.
 - 10. All anchor bolts and washers shall be unpainted ASTM A 709 Grade 36 galvanized steel. All nuts shall be unpainted ASTM A 307 galvanized steel.

APPROVAL						
72111011						
<u>C.S. Freedman</u> DIRECTOR OFFICE OF STRUCTURES						
DATE: 11/19/99						
REVISIONS						
SHA	FHWA					
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STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF STRUCTURES

> EXPANSION BEARING SHORT LENGTH SPANS (GRADE 50 STEEL)

STANDARD NO. BR-SS(9.07)-99-337

SHEET 2 OF 2